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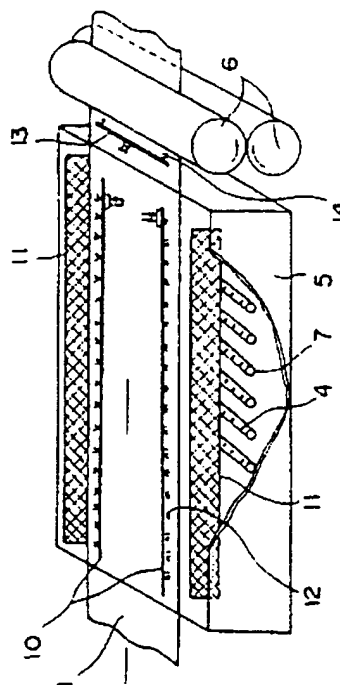
APPLICATION DATE : 26-12-85
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APPLICANT : NIPPON KOKAN KK <NKK>;

INVENTOR : NISHIO NOBUNORI;

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TITLE : CHEMICAL CONVERSION
TREATMENT ON ONE FACE OF STEEL
SHEET



ABSTRACT : PURPOSE: To prevent a chemical conversion treating liquid from arriving at an untreated surface of a steel sheet by providing compressed air spray headers, etc., above the steel sheet and preventing the treating liquid ejected from nozzle pipes provided on the lower side of the steel sheet from sticking to the upper side of the steel sheet.

CONSTITUTION: The nozzle pipes 7 having nozzles 4 are arranged at an angle with the moving direction of the thin steel sheet 1 on the lower side of the steel sheet 1 and the chemical conversion treating liquid is blown from the above-mentioned nozzles 4 to treat the steel sheet 1. The compressed air spray headers 10 are provided on both sides above the steel sheet 1 in this stage to blow off the treating liquid coming from the lower side of the steel sheet 1. Curtains 11 for preventing the splashing of the treating liquid are provided on both sides of the steel sheet 1 to capture the splashed treating liquid. A linger roll meniscus spray header 13 is provided so that the treating liquid squeezed by the lower roll of linger rolls 6 does not creep onto the upper roll.

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